

Data Path : S:\HPCHEM1\HPLC_L\Data\HL080312\
Data File : HL003340.D
Signal(s) : VWD1A.CH
Acq On : 03-Aug-2012, 18:58
Operator : HLM
Sample : PB64728-BS1
Misc :
ALS Vial : 22 Sample Multiplier: 1

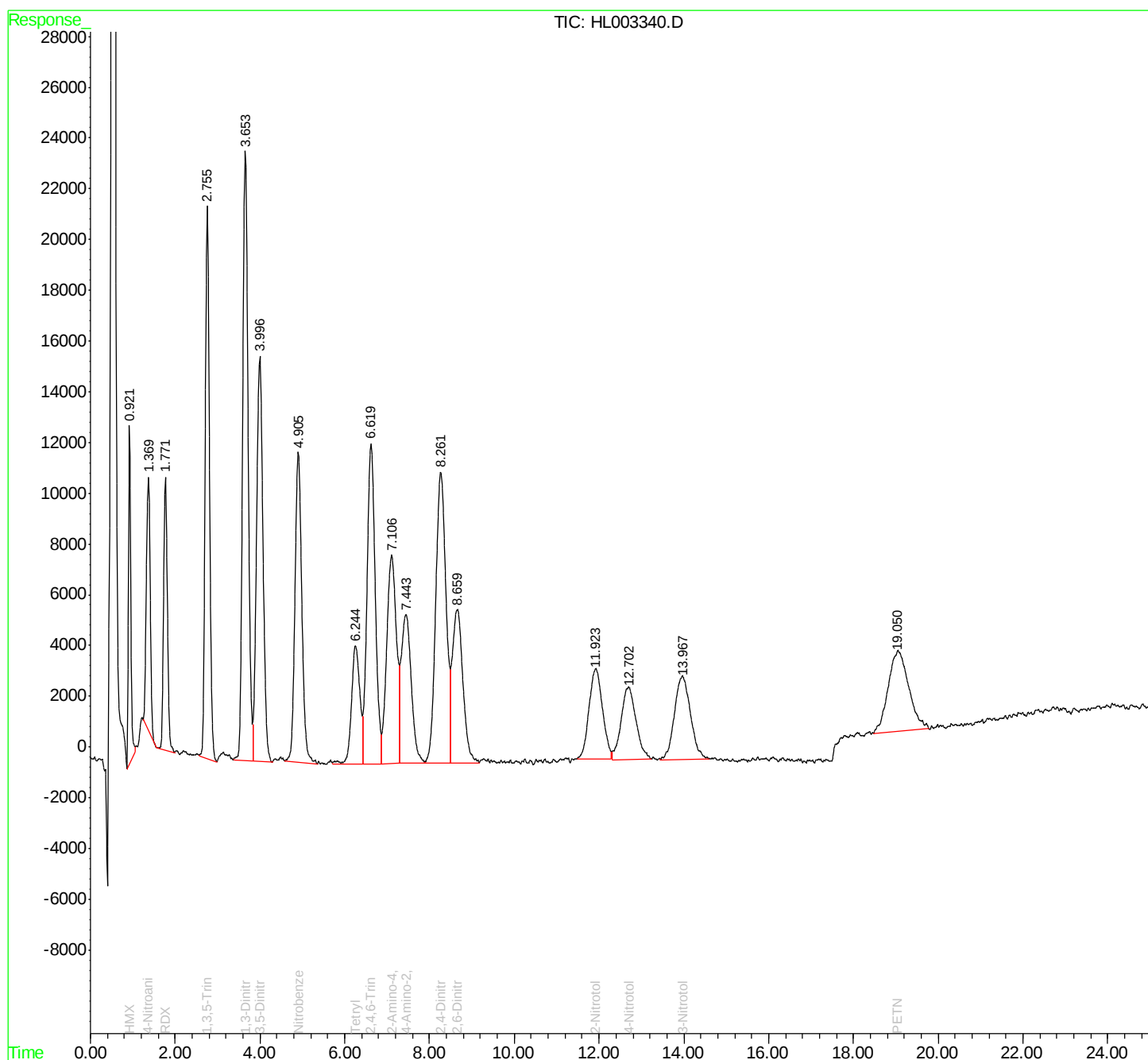
Instrument :
HPLC_L
ClientSampleID :
PB64728BS1

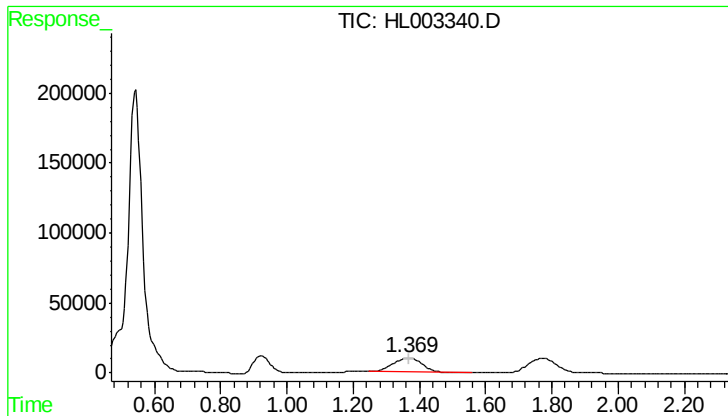
Manual Integrations
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AHPatel
8/14/2012 1:37:57 AM

Integration File: events.e
Quant Time: Aug 07 01:48:27 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL080312.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Mon Aug 06 10:08:05 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





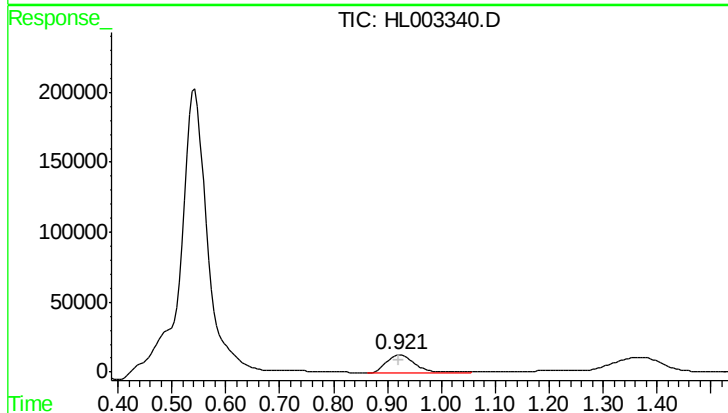
#1 4-Nitroaniline

R.T.: 1.371 min
Delta R.T.: 0.003 min
Response: 614141
Conc: 167.45 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB64728BS1

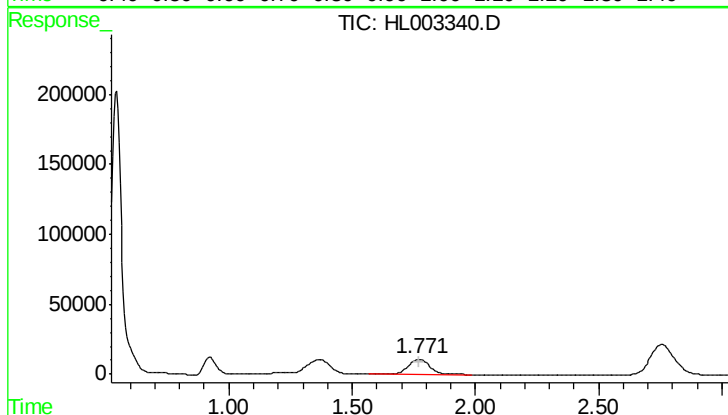
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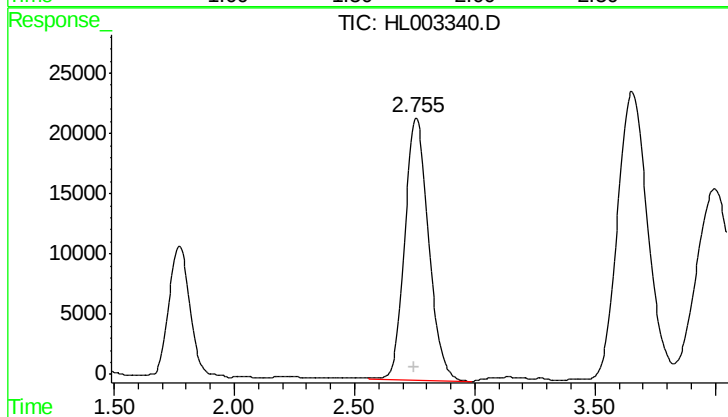
#2 HMX

R.T.: 0.923 min
Delta R.T.: 0.001 min
Response: 481874
Conc: 118.55 ug/L



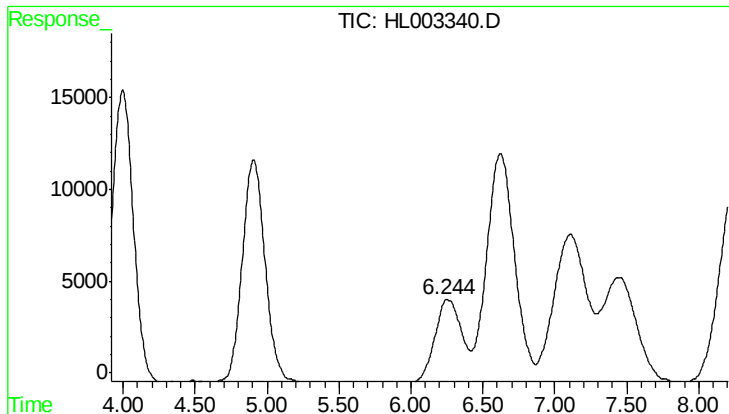
#3 RDX

R.T.: 1.773 min
Delta R.T.: 0.002 min
Response: 660010
Conc: 129.28 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.757 min
Delta R.T.: 0.007 min
Response: 1496786
Conc: 123.53 ug/L



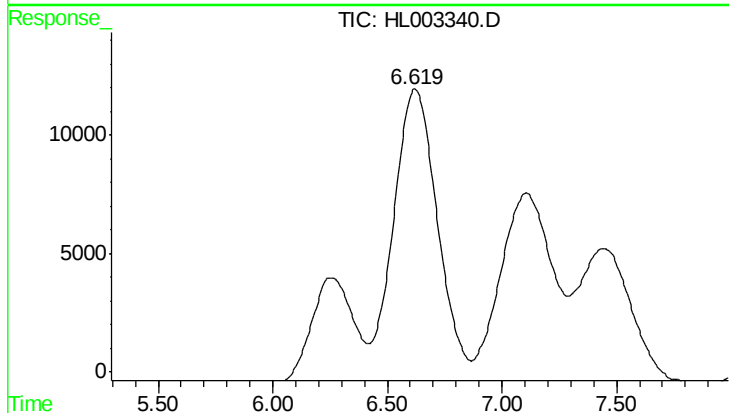
#5 Tetryl

R.T.: 6.251 min
Delta R.T.: 0.006 min
Response: 634488
Conc: 73.45 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB64728BS1

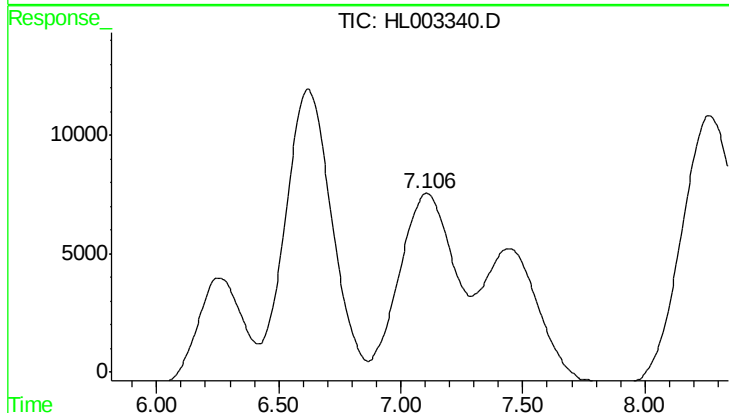
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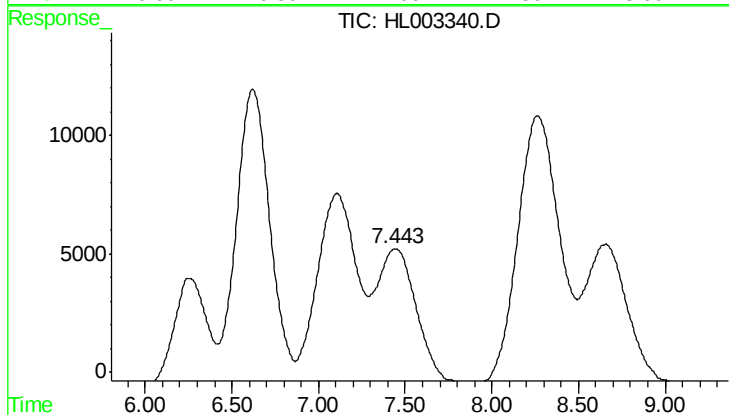
#6 2,4,6-Trinitrotoluene

R.T.: 6.622 min
Delta R.T.: 0.011 min
Response: 1733581
Conc: 157.77 ug/L



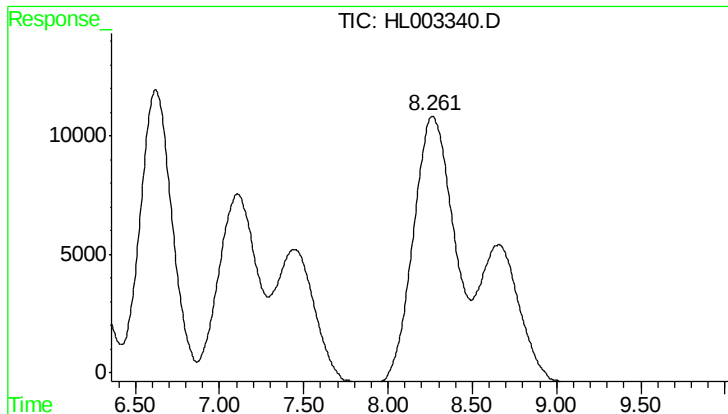
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.108 min
Delta R.T.: 0.011 min
Response: 1313295
Conc: 129.30 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.446 min
Delta R.T.: 0.014 min
Response: 988907
Conc: 138.44 ug/L



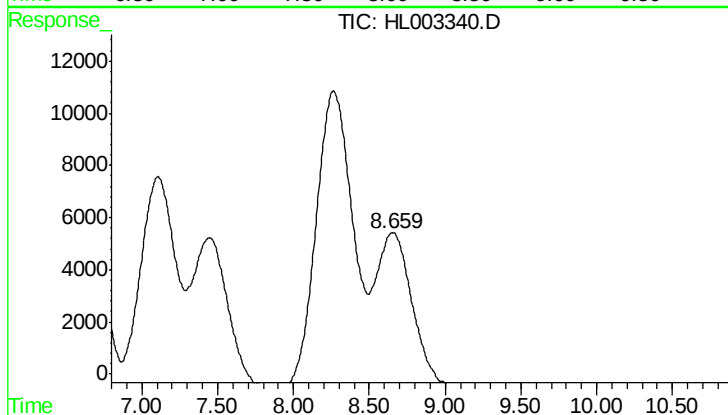
#9 2,4-Dinitrotoluene

R.T.: 8.264 min
Delta R.T.: 0.010 min
Response: 1940669
Conc: 128.63 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB64728BS1

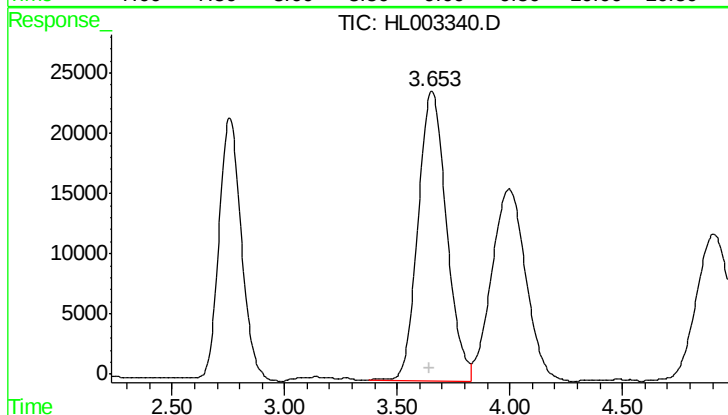
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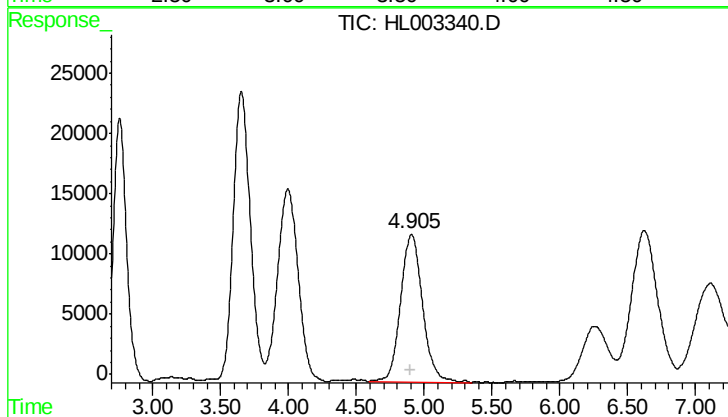
#10 2,6-Dinitrotoluene

R.T.: 8.655 min
Delta R.T.: 0.017 min
Response: 1052137
Conc: 124.10 ug/L



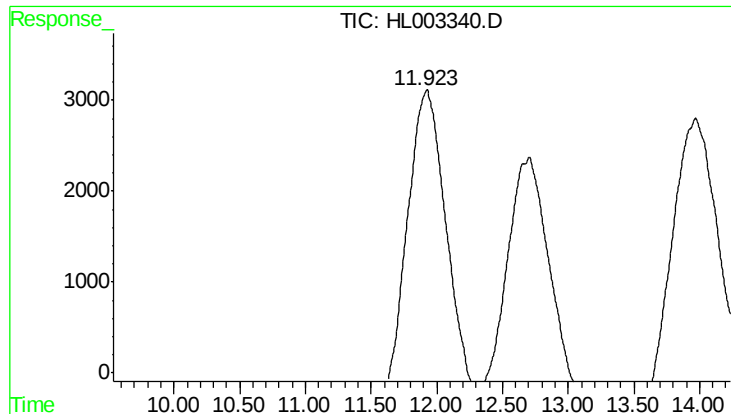
#11 1,3-Dinitrobenzene

R.T.: 3.655 min
Delta R.T.: 0.009 min
Response: 2111291
Conc: 131.26 ug/L



#12 Nitrobenzene

R.T.: 4.907 min
Delta R.T.: 0.011 min
Response: 1377202
Conc: 131.39 ug/L



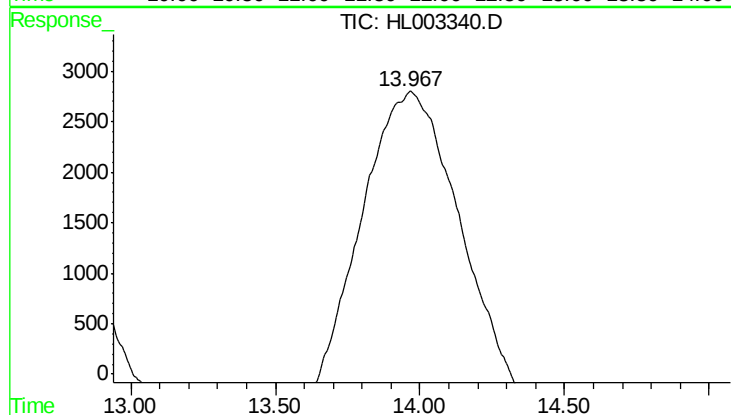
#13 2-Nitrotoluene

R.T.: 11.923 min
 Delta R.T.: 0.021 min
 Response: 781013
 Conc: 118.25 ug/L m

Instrument :
 HPLC_L
 ClientSampleId :
 PB64728BS1

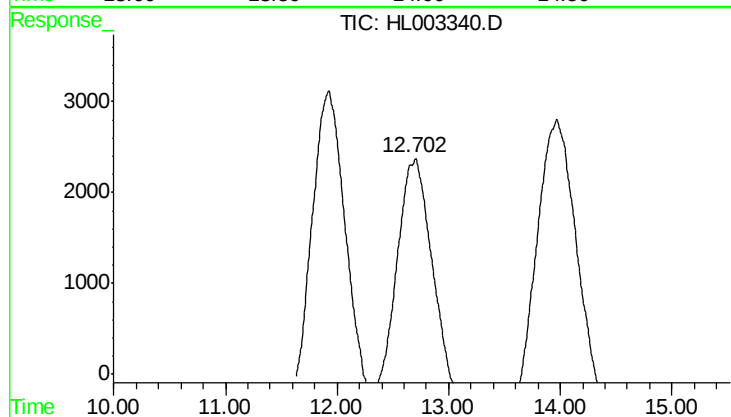
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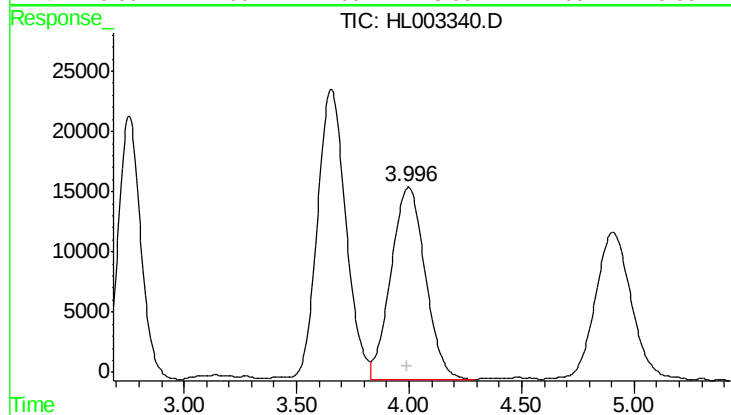
#14 3-Nitrotoluene

R.T.: 13.967 min
 Delta R.T.: 0.024 min
 Response: 862565
 Conc: 123.72 ug/L m



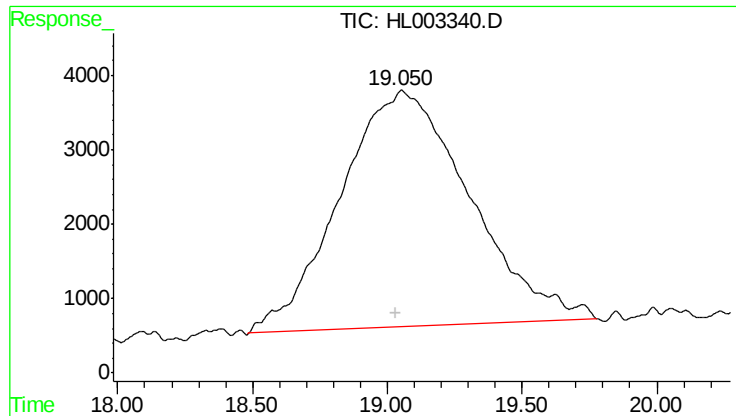
#15 4-Nitrotoluene

R.T.: 12.702 min
 Delta R.T.: 0.033 min
 Response: 697118
 Conc: 126.61 ug/L m



#16 3,5-Dinitroaniline

R.T.: 3.998 min
 Delta R.T.: 0.006 min
 Response: 1689892
 Conc: 121.62 ug/L



#18 PETN

R.T.: 19.050 min
Delta R.T.: 0.020 min
Response: 1057658
Conc: 107.81 ug/L m

Instrument :
HPLC_L
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 ALS Vial : 22 Sample Multiplier: 1

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 ClientSampleId :
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 QLast Update : Mon Aug 06 10:08:05 2012
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.371	614141	167.450 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery =	55.82%
Target Compounds			
2) T HMX	0.923	481874	118.549 ug/L
3) T RDX	1.773	660010	129.285 ug/L
4) T 1,3,5-Trinitrobenzene	2.757	1496786	123.529 ug/L
5) T Tetryl	6.251	634488	73.451 ug/L
6) T 2,4,6-Trinitrotoluene	6.622	1733581	157.773 ug/L
7) T 2-Amino-4,6-dinitroto...	7.108	1313295	129.297 ug/L
8) T 4-Amino-2,6-dinitroto...	7.446	988907	138.437 ug/L
9) T 2,4-Dinitrotoluene	8.264	1940669	128.625 ug/L
10) T 2,6-Dinitrotoluene	8.655	1052137	124.102 ug/L
11) T 1,3-Dinitrobenzene	3.655	2111291	131.257 ug/L
12) T Nitrobenzene	4.907	1377202	131.391 ug/L
13) T 2-Nitrotoluene	11.923	781013	118.245 ug/L m
14) T 3-Nitrotoluene	13.967	862565	123.720 ug/L m
15) T 4-Nitrotoluene	12.702	697118	126.611 ug/L m
16) T 3,5-Dinitroaniline	3.998	1689892	121.619 ug/L
18) T PETN	19.050	1057658	107.810 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.